

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2005/008458

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01J37/03 B01D53/94 B01J23/10 B01J23/63

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01J B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 12, 5 December 2003 (2003-12-05) -& JP 2004 074138 A (TOYOTA MOTOR CORP), 11 March 2004 (2004-03-11) paragraphs '0018!, '0022!; figure 1 ----- EP 1 415 956 A (TOYOTA MOTOR CO LTD 'JP!') 6 May 2004 (2004-05-06) claims 1,12; examples -----	6-11 1-11
P,X		



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

12 August 2005

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19/08/2005

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP2005/008458

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2004074138 A	11-03-2004	NONE	
EP 1415956 A	06-05-2004	JP 2004141833 A EP 1415956 A2 US 2004087440 A1	20-05-2004 06-05-2004 06-05-2004